PATENT

I hereby certify that on the date specified below, this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to Customer Correction Branch, Application Processing Division, Director for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

October 6, 2004 — Date

Christina Laigo — Christina Laigo

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	John R. Lewis et al.
Application No.	:	10/802,512
Filed	:	March 17, 2004
For	:	MULTIPLE BEAM SCANNING IMAGER

Art Unit	:	2872
Docket No.	:	MVIS 98-52 C3
Date	:	October 6, 2004

Customer Correction Branch
Application Processing Division
Director for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CORRECTED FILING RECEIPT

Sir:

Applicant has received with thanks the Official Filing Receipt. However, Applicant has noted the following error in the title section of the Filing Receipt, and respectfully requests a corrected Filing Receipt. The title section should read:

MULTIPLE BEAM SCANNING IMAGER

A copy of the Filing Receipt, with corrections to be made indicated in red, is enclosed. A copy of the supporting document showing the correct information is also enclosed.

Applicant submits that the error was made by the Patent Office and that no fee is necessary. However, if the Director determines that a fee is necessary, the Director is hereby authorized to charge any fees necessary with processing this request to Deposit Account No. 50-0284.

Respectfully submitted,

Christopher A. Wiklof
Registration No. 43,990

CAW:cfl

Enclosures:
Postcard
Copy of Filing Receipt with Requested Correction Marked in Red
Copy of Supporting Document, Preliminary Amendment

Microvision, Inc.
19910 North Creek Parkway
PO Box 3008
Bothell, WA 98011
(425) 415-6641
(425) 481-1625 facsimile

legal/patents/patentfiles/MVIS 98-52 C3 Request for Corrected Filing Receipt

Patent Log ✓

UNITED STATES PATENT AND TRADEMARK OFFICE

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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY.DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/802,512	03/17/2004	2872	385	MVIS 98-52 C 3	23	20	3

CONFIRMATION NO. 3964

Christopher A. Wiklof
Intellectual Property Counsel
Microvision, Inc.
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Bothell, WA 98041

FILING RECEIPT

OC000000012872881

Date Mailed: 06/04/2004

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Filing Receipt Corrections, facsimile number 703-746-9195. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

Applicant(s)

John R. Lewis, Bellevue, WA;
Hakan Urey, Redmond, WA;
Bernard G. Murray, Seattle, WA;

Assignment For Published Patent Application

Microvision, Inc., Bothell, WA;

Domestic Priority data as claimed by applicant

This application is a CON of 10/340,274 01/10/2003 PAT 6,714,331
which is a CON of 09/839,849 04/20/2001 PAT 6,515,781
which is a DIV of 09/370,790 08/05/1999 PAT 6,362,912

Foreign Applications

If Required, Foreign Filing License Granted: 06/02/2004

Projected Publication Date: 09/16/2004

Non-Publication Request: No

Early Publication Request: No

** SMALL ENTITY **

Title MULTIPLE BEAM SCANNING IMAGER

~~Scanned imaging apparatus with switched feeds~~

Preliminary Class

359

LICENSE FOR FOREIGN FILING UNDER
Title 35, United States Code, Section 184
Title 37, Code of Federal Regulations, 5.11 & 5.15

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NOT GRANTED

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	:	John R. Lewis; Hakan Urey; Bernard G. Murray
Application No.	:	To Be Assigned
Filed	:	March 17, 2004
For	:	MULTIPLE BEAM SCANNING IMAGER

Docket No.	:	MVIS 98-52 C3
Date	:	March 17, 2004

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

Sir:

Prior to substantive examination of the above-identified patent application, please amend the application as follows:

In the Title:

Please change the title of the present patent application to the following title:

"MULTIPLE BEAM SCANNING IMAGER"

In the Specification:

Please amend the specification by inserting before the first line the sentence: "This application is a continuation application of pending prior application number 10/340,274, filed on January 10, 2003, entitled "SCANNED IMAGING APPARATUS WITH SWITCHED FEEDS," which is a continuation application of 09/839,849, filed on April 20, 2001, now issued as U.S. Patent No. 6, 515,781, which is a divisional

application of 09/370,790, filed on August 5, 1999, and now issued as U.S. Patent No. 6,362,912."

In the Claims:

Please cancel claims 1-34.

Please add the following new claims 35-53:

35. (New) A method of capturing an image, comprising:

emitting a first beam of light from a first location along a first path;

emitting a second beam of light from a second location along a second path different from the first path;

redirecting the first beam of light from the first path along a first periodic scan pattern to a first region of an image field;

redirecting the second beam of light from the second path along a second periodic scan pattern synchronized to the first scan pattern to a second region of the image field different from the first region;

receiving at least a portion of light reflected from the image field;

converting the received light into at least one electrical signal; and

decoding the at least one electrical signal.

36. (New) The method of capturing an image of claim 35, wherein the first and second beams of light are redirected by one scanner.

37. (New) The method of capturing an image of claim 35, wherein the first and second beams of light are emitted sequentially.

38. (New) The method of capturing an image of claim 35, wherein the first and second beams of light are at respective first and second wavelengths; and

reflected light at the first wavelength is received by a first photodetector tuned to receive light at the first wavelength.

39. (New) The method of capturing an image of claim 38, wherein reflected light at the second wavelength is received by a second photodetector tuned to receive light at the second wavelength.

40. (New) The method of capturing an image of claim 35, wherein decoding the at least one electrical signal includes creating a bitmap image of the image field.

41. (New) The method of capturing an image of claim 35, wherein decoding the at least one electrical signal includes decoding a bar code symbol.

42. (New) The method of capturing an image of claim 41, wherein decoding a bar code symbol includes decoding a two-dimensional bar code symbol.

43. (New) The method of capturing an image of claim 35, wherein at least one of the first and second periodic scan patterns is one-dimensional.

44. (New) The method of capturing an image of claim 35, wherein at least one of the first and second periodic scan patterns is two-dimensional.

45. (New) The method of capturing an image of claim 35, further comprising:
redirecting more than two beams of light along respective periodic scan patterns.

46. (New) The method of capturing an image of claim 35, further comprising:
identifying a desired image to be viewed; and
projecting the desired image onto the image field by modulating the intensity of at least one of the first or second beams of light as it is redirected along the corresponding periodic scan pattern in the corresponding region of the image field.

47. (New) An image capture device, comprising:
a plurality of beam emitters, each operable to emit a corresponding beam of light along a respective beam path;

at least one beam scanner aligned to receive the plurality of beams and operable to scan the beams across respective regions of a field of view;

at least one photodetector aligned to receive at least a portion of light from the plurality of beams reflected by an object in the field of view and operable to output an electrical signal corresponding to the detected light; and

a decoder coupled to receive the electrical signal from the photodetector and operable to decode an image of the field of view.

48. (New) The image capture device of claim 47, wherein the plurality of beam emitters include laser diodes.

49. (New) The image capture device of claim 47, wherein each of the plurality of beam emitters is operable to emit a unique wavelength of light; and

wherein the at least one photodetector includes a plurality of photodetectors aligned to receive at least a portion of light from the plurality of beams reflected by an object in the field of view, each photodetector being tuned to receive a subset of the unique wavelengths of light, and operable to output an electrical signal corresponding to the detected light; and

wherein the decoder is coupled to receive each of the electrical signals.

50. (New) The image capture device of claim 47, wherein each of the plurality of beam emitters is operable to emit a beam of light sequentially.

51. (New) The image capture device of claim 47, wherein decoding the image of the field of view includes producing a bitmap corresponding to the field of view.

52. (New) The image capture device of claim 47, wherein decoding the image of the field of view includes decoding a bar code symbol within the field of view.

53. (New) A bar code scanner, comprising:

at least two beam scanners operable to sweep respective beams across respective regions of a field of view;

a photodetector aligned to receive light from the field of view and operable to output an electrical signal corresponding to the received light; and

a decoder coupled to receive the electrical signal from the photodetector and operable to decode bar code symbols within the field of view.

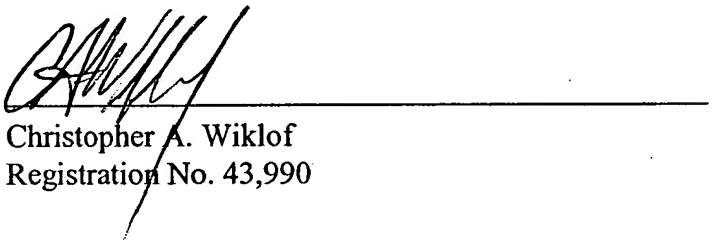
54. (New) The bar code scanner of claim 53, wherein the at least two beam scanners share a common scan mirror.

REMARKS

Applicants submit that no new matter is being submitted. The Examiner is invited to contact Mr. Christopher A. Wiklof at (425) 415-6641 with any issues that may advance prosecution of the application on the merits.

Respectfully submitted,

John R. Lewis, et al.



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CAW:rno
Enclosures:

- Postcard
- Check ($385.00)
- Request for Filing Continuation Application (+copy)
- Certificate of Express Mail
- Copy of Assignment Recordation Cover Sheet and Assignment (previously recorded)
- Copy of Declaration/Power of Attorney (2 pages)
- Copy of Original Specification, Claims, Abstract (55 pages) and Drawings (38 sheets)
- Formal Drawings (23 sheets, Figures 1, 2A, 2B, 3, 4A, 4B, 5-16, 17A, 17B, and 18-42)
- IDS and PTO Form 1449 substitute
- Copies of (2) cited foreign patent documents in translation

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